

Tar Sludge #170



EPA Region 5 Records Ctr.



320342

January 17, 1986

Granite City Division
National Steel Corporation
2000 State Street
Granite City, Ohio 43031
(614) 291-1300

William L. Hart
Chemical Engineer
Recon Systems, Inc.
Route 202 North
P. O. Box 460
Three Bridges, N.J. 08887

Dear Mr. Hart:

This response is in regard to your request for information concerning decanter tank tar sludge #170 (your reference number) in your letter to Phil Kalish dated December 31, 1985. I hope the following information will be beneficial to your project.

Decanter tank tar sludge

- annual generation ~165,000 gals.
- Current management practice entails recycling, by mixing this waste material with coal and charging to coke ovens.
- COMPOSITION:

	Naphthalene	1.98%
	Phenol	0.060% ✓
	Solids	84.7%
	ash content at 650°C	27.5%
	BTU	13,820 BTU/lb
	Sulfur	0.63%
	Chlorine	0.18%
	Arsenic	0.8 mg/l ✓
(all metals are total)	Barium	*0.4 mg/l
	Cadmium	*0.03 mg/l
	Chromium	*0.1 mg/l
	Copper	*0.1 mg/l
	Silver	*0.06 mg/l
	Zinc	138.5 mg/l ✓
	Lead	50.0 mg/l ✓
	Mercury	0.0120 mg/l ✓
	Nickel	*0.15 mg/l
	Selenium	*0.003 mg/l

* less than

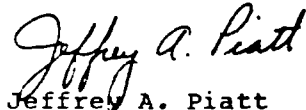
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To: William L. Hart

January 17, 1986

If you have any questions concerning the above information,
please contact me at 618-451-3458 or Dan Hoffman at 618-451-3459.

Sincerely,

A handwritten signature in cursive script that reads "Jeffrey A. Piatt".

Jeffrey A. Piatt
Environmental Specialist

JAP:jmh